

BLAST TIPS

BTSA & BTSA-W/X SERIES

FEATURES

- Nozzles: AISI304
- Nozzles (on request): AISI310
- Mixture pressure: 50 mbar
- Primary aeration: from 70% to 100%
- Adequate to different types of gas: CH₄/L.P./propane/etc.
- Excellent flame stability.
- Wide turndown range.
- Retention nozzles.

APPLICATIONS

- Blast tips burners.
- Billets reheating furnaces.
- Glass furnaces.
- Spout pouring heating.

DESCRIPTION

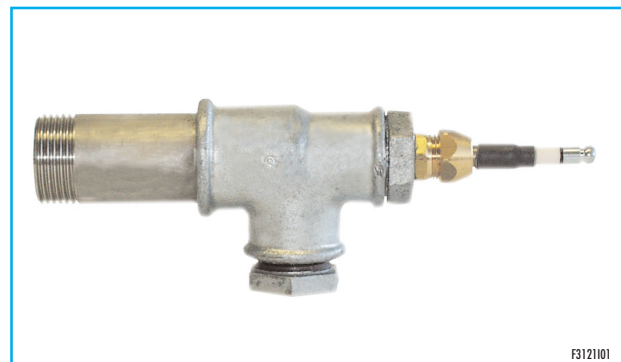
BTSA blast tips are premixed burners. The particular shape of the nozzle allows for on ratio firing and excess air. Excellent flame retention is ensured. BTSA blast tips perform best with on ratio firing at 50 mbar mixture pressure. Calibration is easier if burners are coupled to MM or flomixer mixers.

INSTALLATION

BTSA blast tips are usually threaded on both sides. Different mounting solutions are possible according to the different needs. Avoid mounting with flame up which may cause condensation resulting in ignition problems. Flexible connectors are recommended for air and gas piping connections. Piping from the mixer outlet to burner or burners must be at least as large as the mixer outlet pipe. No valves or other restriction are permitted in this pipe.



F312103



F312101



F312102



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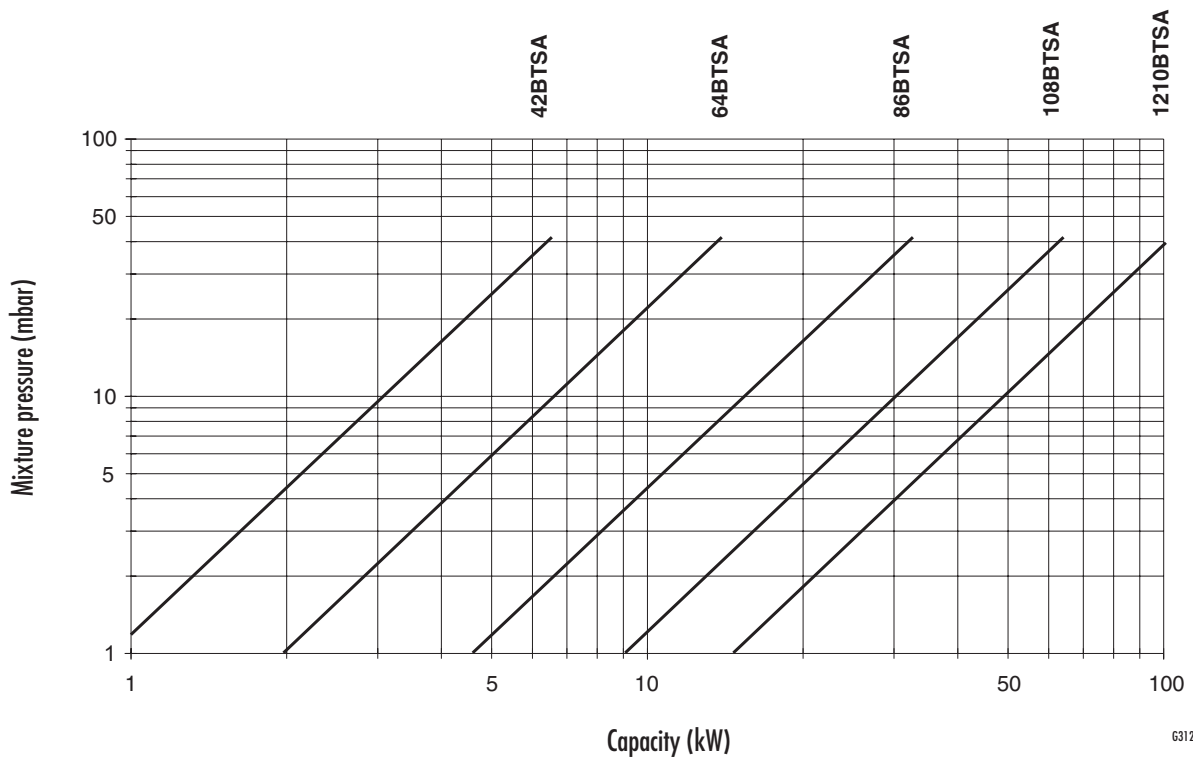
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IGNITION AND FLAME DETECTION

BSTA blast tips are equipped with 10MM spark plug. Unirod mode models (BTSA-W/X) are also available with WAND or EN electrodes.

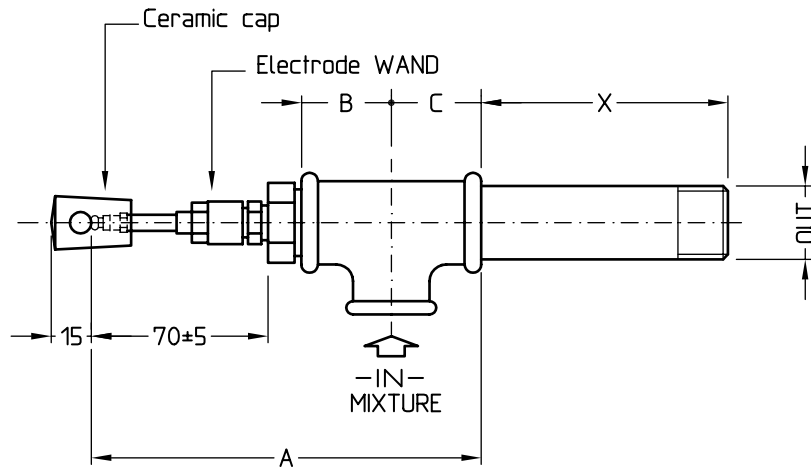
Catalog No.	Electrode ignition	
	Ignition	Detection
42 BTSA	Wand	Wand
64 BTSA	10MM	UV-2
86 BTSA	10MM	UV-2
42 BTSA - W/X	Wand	Wand
64 BTSA - W/X	Wand	Wand
86 BTSA - W/X	Wand	Wand

CAPACITY TABLE



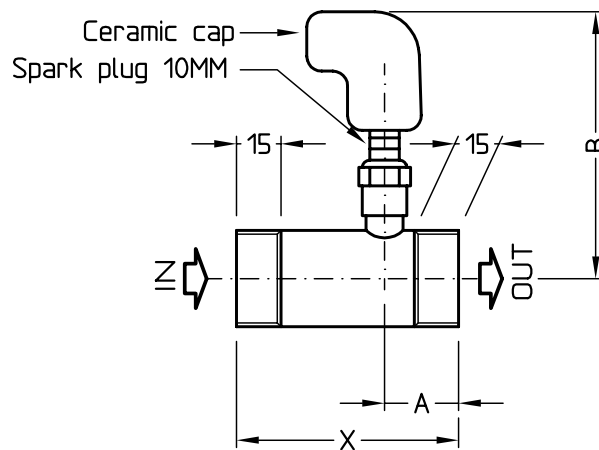
G3121101

DIMENSIONS



Catalog no.	ø In	ø Out	X mm	A mm	B mm	C mm
42 BTSA-W/FR	Rp-3/8"	R-1/2"	75	130	26	26
64 BTSA-W/FR	Rp-1/2"	R-3/4"	60	136	28	30
86 BTSA-W/FR	Rp-3/4"	R 1"	60	148	33	35

D3121E01

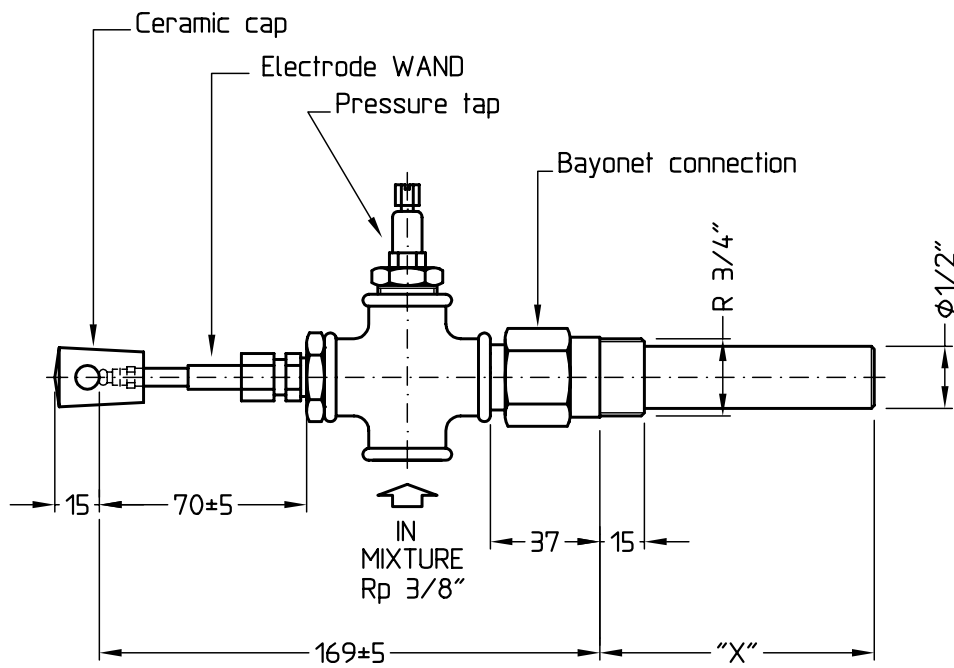


Catalog no.	ø In	ø Out	X mm	A mm	B mm
64 BTSA	G-3/4"	G-3/4"	77	25	86
86 BTSA	G-1"	G-1"	77	25	90

D3121E02

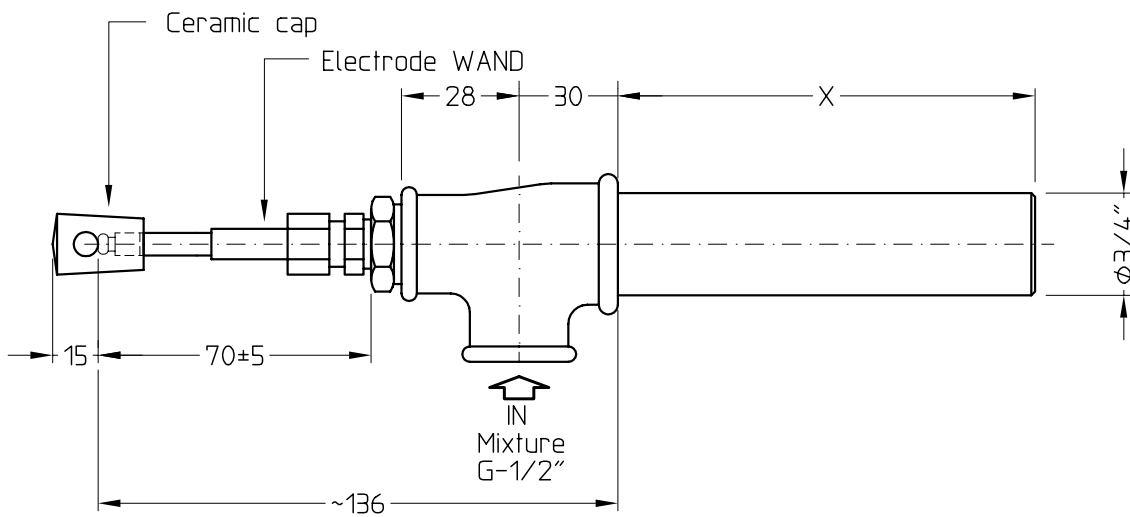
DIMENSIONS

Mod. 42BTSA-W/X



D3121E03

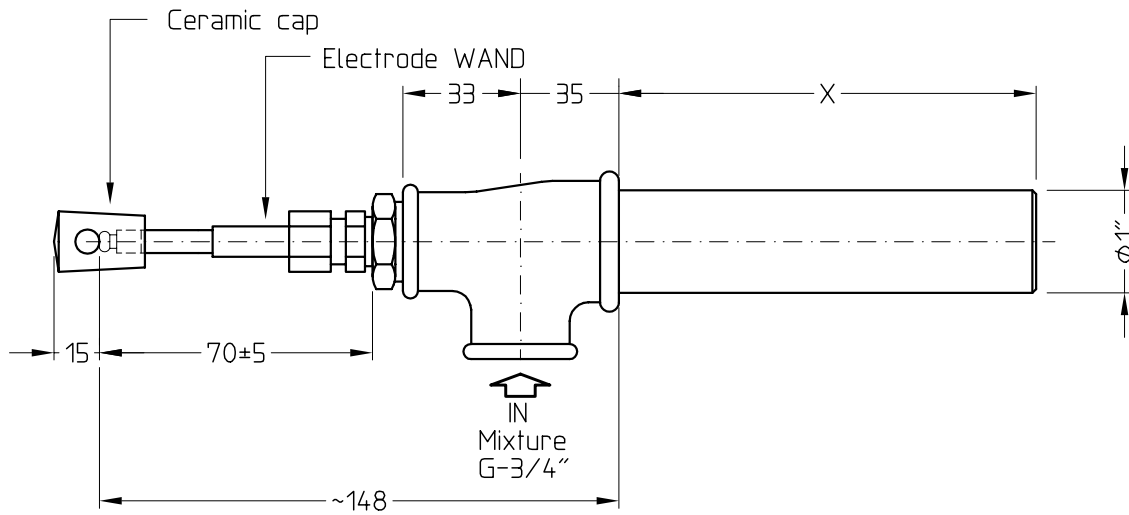
Mod. 64BTSA-W/X



D3121E04

DIMENSIONS

Mod. 86BTS-A-W/X



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